



PTO/SA/17 (12-04)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Patent Reduction Act of 1985 (35 U.S.C. 41(a)(1)(G))

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL
For FY 2005☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 0.00

Complete If Known

Application Number	10/676,966
Filing Date	October 1, 2003
First Named Inventor	Jean-Yves LEHMAN
Examiner Name	Teresa J. Wahlberg
Art Unit	3742
Attorney Docket No.	Serie 5802

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____
☒ Deposit Account Deposit Account Number: 01-1375 Deposit Account Name: American Air Liquide, Inc.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims 9 - 20 = Extra Claims 0 x Fee (\$) 50 = Fee Paid (\$) 0
HP = highest number of total claims paid for, if greater than 20
Indep. Claims 2 - 3 = Extra Claims 0 x Fee (\$) 200 = Fee Paid (\$) 0
HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets - 100 = Extra Sheets / 50 = Number of each additional 50 or fraction thereof x Fee (\$) = Fee Paid (\$)

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: _____

Fees Paid (\$)

SUBMITTED BY

Signature	<i>Elwood Haynes</i>	Registration No. (Attorney/Agent)	55,254	Telephone	(713) 624-8954
Name (Print/Type)	Elwood Haynes	Date	April 20, 2005		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1469, Alexandria, VA 22313-1469.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

TfW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Application No.: 10/676,966
Applicant: Jean-Yves LEHMAN
Filed: October 1, 2003
Title: Plate-type heat exchanger comprising a thick fin, and use of such a heat exchanger
TC/A.U.: 3742
Examiner: Teresa J. Walberg
Docket No.: Serie 5802
Customer No.: 000040582

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action of January 31, 2005, please amend the application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims begin on page 3 of this paper.

Amendments to the Drawings begin on page 5 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

Remarks begin on page 6 of this paper.

An **Appendix** including the Abstract and new drawing figures is attached following page 8 of this paper.